

Please type a plus sign (+) inside this box → ☐

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	
				Filing Date	
				First Named Inventor	Batho et al.
				Group Art Unit	
Examiner Name					
Sheet	1	of	3	Attorney Docket Number	89.0503

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup>			
	1	1,720,863		Stebbins	7/1929	
	2	2,114,780		Juelson	4/1938	
	3	2,158,717		Brock	5/1939	
	4	2,732,032		Sandison	1/1956	
	5	2,744,721		Hatch	5/1956	
	6	3,289,608		Laval, Jr.	12/1966	
	7	3,512,651		Laval, Jr.	5/1970	
	8	3,605,887		Lambie	9/1971	
	9	3,765,483		Vencil	10/1973	
	10	3,944,380		Kampe	3/1976	
	11	4,047,912		Markland	9/1977	
	12	4,066,552		Caine	1/1978	
	13	4,072,481		Laval, Jr.	2/1978	
	14	4,155,681		Linko, III et al.	5/1979	
	15	4,183,722		Roeder	1/1980	
	16	4,294,573		Erickson et al.	10/1981	
	17	4,330,306		Salant	5/1982	
	18	4,390,061		Short	6/1983	
	19	4,588,351		Miller	5/1986	
	20	4,790,376		Weeks	12/1988	
	21	4,971,518		Florin	11/1990	
	22	5,000,769		Raguideau et al.	3/1991	
	23	5,033,545		Sudol	7/1991	
	24	5,277,232		Borsheim	1/1994	
	25	5,368,735		Ford	11/1994	
	26	5,372,190		Coleman	12/1994	
	27	5,482,117		Kolpak et al.	1/1996	
	28	5,555,934		Haufler	9/1996	
	29	5,562,161		Hisaw et al.	10/1996	
	30	RE 35,454		Cobb	2/1997	
	31	5,662,167		Patterson et al.	9/1997	
	32	5,881,814		Mills	3/1999	
	33	6,017,198		Traylor et al.	1/2000	
	34	6,026,904		Burd et al.	2/2000	
	35	6,045,333		Breit	4/2000	
	36	6,167,960		Moya	1/2001	
	37	6,168,388		Hughes et al.	1/2001	
	38	6,189,613		Chachula et al.	2/2001	
	39	6,216,788		Wilson	4/2001	



Please type a plus sign (+) inside this box → ☐

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	
				Filing Date	
				First Named Inventor	Batho et al.
				Group Art Unit	
Examiner Name					
Sheet	3	of	2	Attorney Docket Number	89.0503

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	50	P.M. Carvalho, A.L. Podio, K. Sepehmoori, entitled "Modeling A Jet Pump With An Electrical Submersible Pump For Production Of Gassy Petroleum Wells", SPE 48934, pp. 1-13, 1986, Society of Petroleum Engineers, Inc.	
	51	"Schlumberger HydroLift - Jet and piston pump systems for temporary and long-term applications", Schlumberger catalog – SMP-5849, 15 pgs, June 2003, U.S.	
	52	"HydroLift standard- and reverse-circulation jet pumps in sliding sleeves", Schlumberger catalog – SMP-5849-4, 2 pgs, June 2003, U.S.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop: Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.